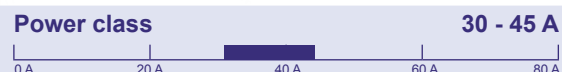
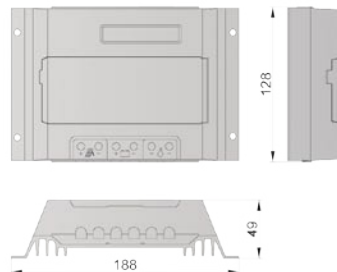




Solar Charge Controller



Tarom – Series

235, 245, 430

The Tarom controllers complete the product range of the PR 30 Amps controller to 45 Amps solar current, available in 12 V, 24 V and 48 V. The charging procedures are based on voltage levels which can be individually adjusted by four buttons behind the front cover.

Features

- voltage regulation
- PWM shunt battery charging
- boost charging
- equalising charging
- float charging
- automatic load reconnection
- manual load switch
- automatic selection of voltage 12 V / 24 V
- temperature compensation
- positive grounding
- (or) negative grounding on one terminal
- field adjustable parameters by four buttons
- RJ45 interface

Electronic Protections

- high voltage disconnect (HVD)
- low voltage disconnect (LVD)
- reverse polarity of solar modules
- reverse polarity of load & battery
- electronic fuse
- short circuit of solar modules
- short circuit of load
- over temperature
- over voltage
- lightning protection by varistor
- low electronic interference (EMC)
- open circuit battery
- reverse current at night

Displays

- one line LCD displaying the voltage of the battery and all currents



SH-No.:	110160	110161	110162
Solar Charge Controller	235	245	430
system voltage	12 / 24 V		48 V
max. module input current	35 A	45 A	30 A
max. load output current	35 A	45 A	30 A
max. self consumption	14 mA		
end of charge voltage (float)	13.7 V (27.4 V)		54.8 V
boost charge voltage	14.4 V (28.8 V)		57.6 V
equalisation charge	14.7 V (29.4 V)		58.8 V
reconnection setpoint (SOC/LVR)	12.6 V (25.2 V)		50.4 V
deep discharge protection (LVD)	11.1 V (22.2 V)		44.4 V
ambient temperature allowed	-10°C...+60°C		
terminal size (fine / single wire)	16 mm ² / 25 mm ²		
enclosure protection class	IP 22		
weight	400 g		
dimensions l x w x h	188 x 128 x 49 mm		

Technical data at 25°C / 77°F